

APR 1980

JA-1980-04

0049312

37243C/21 SANKYO KK	A96 B07	SANY 03.10.76 JS 5049-312	A(12-V1) B(4-B1C, 4-C2, 4-C3, 12-M9, 12-M10, 12-M11). 4
03.10.76-JA-121801 (09.04.80) Aslk-09/22 Preparing slow release pharmaceutical - by coating granules containing active component with wax, water-sol. high mol. cpd. and nonionic surfactant and tableting			etc. <u>EXAMPLE</u> None given. (7ppW5).
Prepn. of slow release medicine comprises coating instantaneously disintegrating granules, which contain a major amt. of medicinal ingredient, with a film composed of wax, water-soluble high molecular compound and nonionic surfactant of HLB below 9, and tableting the coated granules.			
<u>USE/ADVANTAGE</u> Granules which normally release the medicine in 1-10 minutes can be treated to release the medicine very slowly over 7-24 hours. Further the releasing velocity of the medicine is independent of pH and is almost constant.			
<u>DETAILS</u> Usually a film of thickness 15-50 $\mu$ is coated on the granules. The water-soluble high molecular compound (the water solubility of which is independent of pH) can be methylcellulose, hydroxyethylcellulose, PVA, polyvinylpyrrolidone, hydroxypropylcellulose, polyethyleneglycol.			

J550

EXHIBIT 30